

# INNOVUS BONDED ELEMENTS PB

HPL surfaced particleboard panel for use in dry conditions

## DESCRIPTION

INNOVUS BONDED ELEMENTS PB is covered in both sides with a decorative laminate. The back side can have the same decor or a standard white laminate. INNOVUS BONDED ELEMENTS PB is available in all the Innovus collection decors.

INNOVUS BONDED ELEMENTS PB is compliant with the limit of ChemVerbotsV (E05) and the core board is certified according to the rules of the official California Air Resources Board (CARB).

In addition to technical performance INNOVUS BONDED ELEMENTS PB are sustainable and environmental friendly products.

**For information on available sizes and thicknesses, please see our Offer & Service Brochure.**

## APPLICATIONS

INNOVUS BONDED ELEMENTS PB durability, design and versatility makes it a good choice for residential, public & commercial areas and healthcare applications.

As a result of their characteristics, INNOVUS BONDED ELEMENTS PB is widely used for furniture, table tops, worktops, shopfitting and wall paneling.

## PROPERTIES



EASY TO CLEAN



STAIN RESISTANT



SCRATCH RESISTANT



ANTIBACTERIAL



COMPLIANT WITH CHEMVERBOTS V



EPA TSCA TITLE VI & CARB 2 CERTIFIED (SUBSTRATE)



FURNITURE



PANELING



OFFICES & EDUCATION



RESTAURANTS & HOTELS



HEALTH & WELLNESS



RETAIL & EXHIBITIONS



KITCHENS

## RECCOMENDATIONS

Panels must be stored on levelled, full area surfaces (e.g. pallets), protected against moisture, in dry, ventilated rooms, with the lower possible variations of temperature or moisture. Outdoor storage is not recommended. Please note that incorrect storage, regardless of its duration, may cause irreversible distortion.

Panels must not be moved against each other; they should be moved individually by hand or with suction equipment.

INNOVUS BONDED ELEMENTS PB can be worked with carbide tipped tools on conventional woodworking machines and all conventional fittings for wood materials are suitable. Minimum conditioning is required prior to installation and assembly, such as, the material needs to rest in similar climatic conditions as to the ones at the location the material will be used.

If the product is used as a worktop or desk, cutting tools should not be used on the surfaces as on even the most resistant surfaces there is a risk of scratches and cuts being left.

It is also important to avoid placing objects at high temperatures on the surface, as surface damage and changes in gloss may occur depending on the intensity of the heat.

Spilled liquids should always be wiped up and prolonged exposure to substances on the surface must be avoided as this can affect the gloss level.

INNOVUS BONDED ELEMENTS PB is easy to clean. Regular cleaning with water or gentle products, such as glass cleaner, is recommended; avoid aggressive and abrasive cleaning products. For more information, please follow the recommendations in the brochure "Cleaning HPL" on the website [www.icdli.com](http://www.icdli.com). In the case of deep textures, the cleaning should be carried out in the direction of the surface texture.

[www.sonaearauco.com](http://www.sonaearauco.com)

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**SONAE  
ARAUCO**  
Taking wood further

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### GENERAL CHARACTERISTICS

PROPERTY	TEST	UNIT	REQUIREMENTS
Tolerance on nominal thickness	EN 13894-1	mm	±0,5
Tolerance on Length and Width	EN 13894-1	mm	± 5
Edge straightness	EN 13894-1	mm/m	± 0,5
Edge squareness	EN 13894-1	mm/m	≤ 2,0

For information on available sizes and thicknesses, please see our Offer & Service Brochure.

### TECHNICAL INFORMATION

PROPERTY	TEST	UNIT	REQUIREMENTS	
			HGS*	VGS**
Resistance to surface wear	EN 438-2	Revolutions (min.)	150	50
Resistance to dry heat	EN 438-2	Rating (min.)	4	4
Resistance to impact small diameter ball	EN 438-2	N (min.)	15	15
Resistance to scratching	EN 438-2	Rating (min.)		
		Smooth finishes	2	1
		Textured finishes	3	2
Resistance to staining	EN 438-2	Rating (min.)		
		Groups 1 & 2	5	5
		Group 3	4	4
Formaldehyde Emission	Compliant with ChemVerbotsV (E05) Uses certified substrate, according to CARB 2/EPA TSCA			

\* HGS (Horizontal General-purpose Standard) recommended for horizontal use.

\*\* VGS (Vertical General-purpose Standard) recommended for vertical use.

INNOVUS BONDED ELEMENTS PB characteristics defined according to ISO 13894-2 2005 High-pressure decorative laminates – Composite elements – Part2: Specifications for composite elements with wood-based substrates for interior use.

Core board PB type P2 according to EN 312. Please check the corresponding technical data sheet for more information.

### CERTIFICATIONS

Please pay attention to certified products:



The mark of  
responsible forestry  
FSC® C009049



FSC® and PEFC- certified products are available on request and availability.

[www.sonaearauco.com](http://www.sonaearauco.com)

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